

Table S1. Number of replicates per isofemale line in each block and per leaf type tested in the phytophagy experiment. **One replicate consisted of one leaf enclosed in a muslin bag with ten *N. tenuis* adults (five males and five females).**

Isofemale line	Leaf type	Block										Total replicates per leaf	Total replicates per isofemale line
		1	2	3	4	5	6	7	8	9	10		
1	Young	2	1	2	2	–	3	3	1	2	1	17	33
	Old	1	1	1	1	1	4	5	1	–	1		
5	Young	1	–	1	1	1	–	1	3	2	1	11	21
	Old	2	1	1	1	–	–	–	2	–	3		
6	Young	1	1	2	1	–	1	2	3	2	2	15	28
	Old	2	1	1	–	1	1	2	3	1	1		
8	Young	2	1	–	1	1	2	2	3	–	1	13	30
	Old	2	1	1	2	1	2	1	3	2	2		
10	Young	2	–	2	2	1	–	–	1	2	2	12	23
	Old	1	1	1	1	1	1	–	1	3	1		
11	Young	1	1	1	1	1	1	1	3	1	2	13	27
	Old	2	–	–	2	2	1	1	3	2	1		
13	Young	1	2	–	2	1	1	2	1	2	1	13	26
	Old	2	–	1	1	1	1	2	1	2	2		
14	Young	2	–	1	1	1	1	1	3	1	1	12	26
	Old	1	1	2	2	1	–	–	3	2	2		
15	Young	2	1	1	2	1	1	–	3	2	2	15	26
	Old	1	1	1	1	–	–	1	3	2	1		
Total replicates of the experiment												240	